

# Appendix F: Acronyms

## Measurements and Percentages

µg/L micrograms per liter

%D percent difference

%RSD percent relative standard deviation

## Numerals

1,1-DCE 1,1-dichloroethene

1,4-D 1,4-dioxane (*in figures and tables only*)

1,1,1-TC 1,1,1-trichloroethane

## A

ACS American Chemical Society

ATSDR Agency for Toxic Substances and Disease Registry

## C

CAS Chemical Abstracts Service

CCL Candidate Contaminant List

CCV continuing calibration verification

C&D Construction and Demolition

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CI confirmation ion

COC chain of custody

COC Contaminates of concern

CSIA compound-specific isotope analysis

cVOC chlorinated volatile organic compound

## D

DNAPL dense nonaqueous phase liquid

DOT Department of Transportation

## E

EB Equipment Blank

ECB European Chemicals Bureau

ECHO Enforcement and Compliance History Online Database

EcoSAR Ecological Structure Activity Relationships

EIS extracted internal standard

## F

FB field blank

FD field duplicate

FDA Food and Drug Administration

**G**

GAC granular activated carbon

GC/MS gas chromatography/mass spectrometry

GW groundwater

**H**

HAP Hazardous Air Pollutant

HCl hydrochloric acid

HEAA  $\beta$ -hydroxyethoxyacetic acid

HT holding time

**I**

IARC International Agency for Research on Cancer

IS internal standard

ITRC Interstate Technology and Regulatory Council

**K**

$K_{oc}$  organic carbon partitioning coefficient

$K_{ow}$  octanol-water partitioning coefficient

**L**

LCS laboratory control sample

LD lab duplicate

**M**

MB method blank

MCL maximum contaminant level

mg milligrams

mg/L milligrams per liter

MS/MSD matrix spike/matrix spike duplicate

MTL monitoring trigger level

**N**

NA not applicable

NOD natural oxidant demand

NPDES National Pollutant Discharge Elimination System

**O**

OSHA Occupational Safety and Health Administration

**P**

%D percent difference

%RSD percent relative standard deviation

PCE tetrachloroethylene

PDB passive diffusion bag

PEL permissible exposure limit  
PET polyethylene terephthalate  
PNEC probable no effect concentration  
POTW publicly owned treatment work  
ppm parts per million  
PPRTV Provisional Peer-Reviewed Toxicity Value  
PTFE polytetrafluoroethylene

## **Q**

QAPP quality assurance project plan  
QI quantitation ion  
qPCR quantitative polymerase chain reaction

## **R**

RCRA Resource Conservation and Recovery Act  
RL reporting limit  
RPD relative percent difference  
RPP Rigid Porous Polyethylene  
RRF relative response factor  
RRT relative retention time  
RSL regional screening level

## **S**

SAP Sampling and Analysis Plan  
SDWA Safe Drinking Water Act  
SIM selective ion monitoring  
SOP standard operating procedure  
SPE solid-phase extraction  
SVOC semivolatile organic compound

## **T**

TB trip blank  
TCE trichloroethylene  
TRI Toxics Release Inventory  
TSCA Toxic Substances Control Act  
TWA time-weighted average

## **U**

UCMR3 Third Unregulated Contaminant Monitoring Rule  
USEPA U.S. Environmental Protection Agency  
UV ultraviolet

## **V**

VOA volatile organic analyte

VOC volatile organic compound

**W**

WHO World Health Organization

WWTP wastewater treatment plant

**X**

XSVE extreme soil vapor extraction